

**PATENT APPLICATION DECLARATION AND POWER OF ATTORNEY**

I HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are as stated next to my name in PART A on page 2 hereof.

I believe I am the original, first, and sole inventor (if only one name is listed) or an original, first, and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TRYPTOPHANYL-tRNA SYNTHETASE DERIVED POLYPEPTIDES  
USEFUL FOR THE REGULATION OF ANGIOGENESIS**

the specification of which:

\_\_\_\_\_ is attached hereto;

X was filed on February 22, 2002 as Application Serial No. 10/080,839 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information to the Patent and Trademark Office known to me to be material to the patentability of this application, as defined in Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under 35 United States Code, Sec. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed in PART B on page 2 hereof and have also identified in PART B on page 2 hereof any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, Sec. 119(e) or 120 of any United States application(s), or PCT international application(s) designating the United States of America, listed in PART C of page 2 hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose all information to the Patent and Trademark Office known to me to be material to patentability of this application, as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following as my attorneys or agents with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

Michael A. Hierl	Reg. No. 29,807	Arne M. Olson	Reg. No. 30,203
Dolores T. Kenney	Reg. No. 31,269	Talivaldis Cepuritis	Reg. No. 20,818
Daniel J. Deneufbourg	Reg. No. 33,675	Seymour Rothstein	Reg. No. 19,369
Joseph M. Kuo	Reg. No. 38,943	Richard L. Robinson	Reg. No. 31,415
Martin J. Corn	Reg. No. 35,847	David A. Gottardo	Reg. No. 46,736
Robert J. Ross	Reg. No. 45,058		

whose mailing address for this application is: **OLSON & HIERL, LTD.**  
20 North Wacker Drive  
36th Floor  
Chicago, Illinois 60606  
Telephone: (312) 580-1180

See Page 2 attached, signed, and made a part hereof.

# PATENT APPLICATION DECLARATION AND POWER OF ATTORNEY

**PART A: Inventor Information and Signature**

Full name of SOLE or FIRST inventor Paul Schimmel  
 Citizenship United States Residence 9822 La Jolla Farms Road  
La Jolla, California 92037  
 Mailing Address (If different) \_\_\_\_\_

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full name of SECOND joint inventor, if any Keisuke Wakasugi  
 Citizenship Japan Residence 1350-1 Munadaka, Oigawa-Cho  
Shizuoka, Japan  
 Mailing Address (If different) \_\_\_\_\_

Second Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full name of THIRD joint inventor, if any Martin Friedlander  
 Citizenship United States Residence 1720 Zapo Street  
Del Mar, California 92014  
 Mailing Address (If different) \_\_\_\_\_

Third Inventor's signature:  Date: 5/17/02

Full name of FOURTH joint inventor, if any \_\_\_\_\_  
 Citizenship \_\_\_\_\_ Residence \_\_\_\_\_  
 Mailing Address (If different) \_\_\_\_\_

Fourth Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PART B: Prior Foreign Application(s)**

<u>Serial No.</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

**PART C: Claim for Benefit of Filing Date of Earlier U.S. Application(s) or PCT International Application(s) Designating the United States of America**

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status:</u>
60/270,951	February 23, 2001	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

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Shizuoka, Japan  
 Mailing Address (If different) \_\_\_\_\_

Second Inventor's signature: Keisuke Wakasugi Date: May 2, 2002

Full name of THIRD joint inventor, if any Martin Friedlander  
 Citizenship United States Residence 1720 Zapo Street  
Del Mar, California 92014  
 Mailing Address (If different) \_\_\_\_\_

Third Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Fourth Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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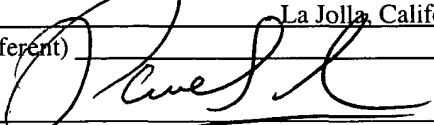
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 Citizenship Japan Residence 1350-1 Munadaka, Oigawa-Cho  
Shizuoka, Japan  
 Mailing Address (If different) \_\_\_\_\_  
 Second Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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